

Product datasheet for **TP301045M**

PSMC3IP (NM_013290) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PSMC3 interacting protein (PSMC3IP), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201045 protein sequence Red =Cloning site Green =Tags(s)

MSKGRAEAAAGAAGILLRYLQEQRNPYSSQDVFGNLQREHGLGKAVVKTLEQLAQQGKIKEKMYGKQKI
YFADQDQFDMVSDADLQVLDGKIVALTAQVQSLQQSCRYMEAEMQKEIQELKKECAGYRERLKNIAATN
HVTPEEKEQVYRERQKYCKEWRKRKRMA TELSDAILEGYPKSKKQFFEEVGIETDEDYNVTLDPD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	23.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_037422
Locus ID:	29893
UniProt ID:	Q9P2W1



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RefSeq Size: 1440

Cytogenetics: 17q21.2

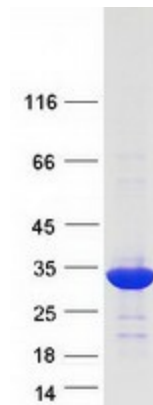
RefSeq ORF: 615

Synonyms: GT198; HOP2; HUMGT198A; ODG3; TBPIP

Summary: This gene encodes a protein that functions in meiotic recombination. It is a subunit of the PSMC3IP/MND1 complex, which interacts with PSMC3/TBP1 to stimulate DMC1- and RAD51-mediated strand exchange during meiosis. The protein encoded by this gene can also co-activate ligand-driven transcription mediated by estrogen, androgen, glucocorticoid, progesterone, and thyroid nuclear receptors. Mutations in this gene cause XX female gonadal dysgenesis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2011]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PSMC3IP protein (Cat# [TP301045]). The protein was produced from HEK293T cells transfected with PSMC3IP cDNA clone (Cat# [RC201045]) using MegaTran 2.0 (Cat# [TT210002]).